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(71) Applicant (for all designated contracting states except the US):  
BARD DUBLIN ITC LIMITED [GB/GB]; Forest House, Brighton  
Road, Crawley, West Sussex RH11 9BP (GB).

(72) Inventor: and

(75) Inventor/Applicant (only for US): HESKE, Norbert, F.  
[DE/DE]; Dorfstrasse 22a, 82288 Kottgeisering (DE), HESKE,  
Thomas [DE/DE]; Kirchstrasse 43, 82284 Grafrath (DE).

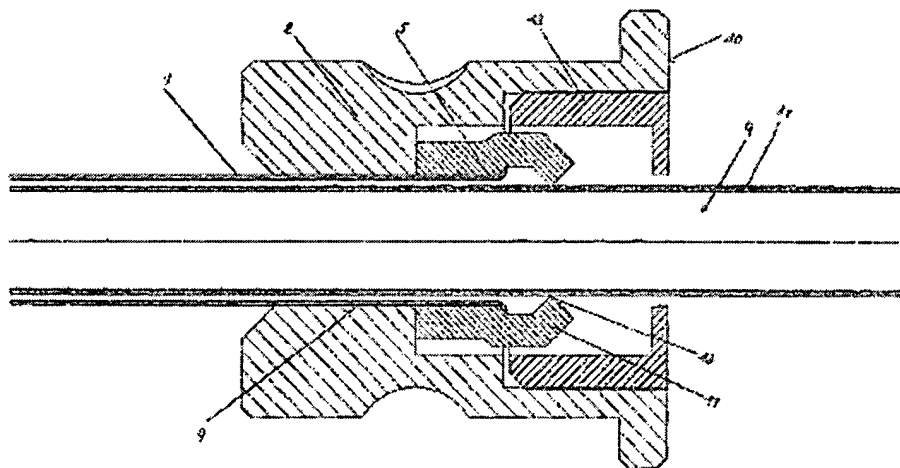
(74) Attorney: TOMLINSON, Edward; Frohwitter,  
Possartstrasse 20, 81679 Munich (DE).

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(54) Title: COAXIAL CANNULA PROVIDED WITH A SEALING ELEMENT

(54) Bezeichnung: KOAXIALKANÜLE MIT DICHELEMENT



(57) Abstract: The invention relates to a coaxial cannula (1) for extracting samples from tissue comprising a biopsy needle unit (9) provided with a space for sample extraction and a sample separation unit (21) which coaxially encompasses the biopsy needle (9) on an external wall and is longitudinally movable. The inventive coaxial cannula (1) comprises a sealing element (3) which is arranged on the proximal end thereof and closes the space between the internal wall of the coaxial cannula and the external wall of the sample separation unit. Said coaxial cannula (1) is characterised in that the sealing element (3) opens an air outlet when the biopsy needle unit (9) is inserted, and prevents air intake when the biopsy needle unit (9) is positioned and vacuum is produced in the internal chamber of the biopsy needle.

(57) Zusammenfassung: In ein Gewebe einsetzbare Koaxialkanüle (1), in die zur Entnahme von Gewebe eine Biopsienadeleinheit (9) mit Probenentnahmeraum sowie eine die Biopsienadel (9) coaxial an der Aussenwand umgebende, Einschiebbliche Probenabtrenneinrichtung (21) aufweist, und wobei die Koaxialkanüle (1) am proximalen Ende ein Dichtelement (3) aufweist, das den Raum zwischen Koaxialkanüleninnenwand und Aussenwand der Probenabtrenneinrichtung umschliesst, dadurch gekennzeichnet, dass das Dichtelement (3) beim Einschieben der Nadeleinheit (9) den Luftaustritt freigibt, und das nach dem Positionieren der Nadeleinheit (9) und Anlegen eines Vakuums im Biopsienadelinnenraum einen Lufteintritt verhindert.



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